

Application No: 10/801,349
Amendment D
Reply to Office Action Dated 01/16/2007

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Attorney Docket No: 3926.076

MAR 27 2007

IN THE DRAWINGS:

A replacement sheet for Fig. 3 is attached at the end of this amendment. In Fig. 3, the mechanical connection between the flat elements 5a and the reflector 2 is illustrated by thickening the intersection points between the flat elements 5a and the reflector 2 from the front view.

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REMARKS

Claims 17-32 are pending in the application. Claims 1-16 have been previously cancelled. Claims 26 and 32 are allowed.

Drawings

The drawings are objects to under 37 CFR 1.83(a) as not showing every feature of the invention specified in the claims.

More specifically, the Examiner has stated that the feature "the cooling element firmly connected to the light source *mechanically*" as claimed in claim 1 and "two or more flat elements are *mechanically* connected to the reflector" as claimed in claim 31 must be shown or the feature(s) cancelled from the claim(s).

Applicant believes that the drawings, especially Figs. 1 and 2, clearly show the mechanical connection between the light source 4 and the cooling element 5. If the light source 4 were not mechanically connected to the cooling element 5, it would not be able to be held at the position as shown in Figs. 1 and 2. A mere contact would not keep the light source 4 from falling.

It is noted that the cooling element can be typically connected with the light source with the help of a thermally conducting adhesive, which connects structure-formingly and positively the cooling element with the light source. A number of adhesives can be used for this purpose. There are also a number of other types of mechanical and thermal connectors that are suitable, starting with solder as well as the connection through metallic connecting elements such as screws, rivets, and similar and ending with the case where the light source (for example, a semiconductor light source) is directly bonded to the metallic cooling element. This is

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accomplished, for example, through the direct application of LED-chips or laser chips on the cooling element as well as electrical connection with the cooling element, which can be additionally used to provide energy for the light source.

Since a person skilled in the art can easily choose a suitable type of connection of the light source with the cooling element from the above-mentioned possibilities, it is not necessary to show a specific mechanical connection method in the drawings.

With regard to the mechanical connection between the flat elements 5a and the reflector 2, Fig. 3 has been amended by thickening the intersection points between the flat elements 5a and the reflector 2 from the front view.

Specification

The specification is objected to because the specification was not described in such a way as to enable one skilled in the art to make and/or use the invention.

More specifically, the Examiner has stated that since there is no need to provide additional holding or attachment elements for the light source and there is no illustration of the connection between the light source and the cooling element, it is not clear how the light source can be connected to the cooling element and even mechanically connected to the cooling element.

Please refer to the above discussion in connection with the drawing objection.

Applicant acknowledges with appreciation the Examiner's statement in item 6 on page 5 of the Office action that claims 26 and 32 are allowed.

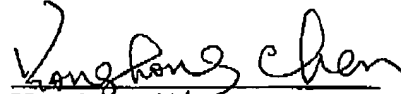
The Commissioner is hereby authorized to charge any fees which may be required at any time during the prosecution of this application without specific authorization, or credit any overpayment, to Deposit Account Number 50-0951.

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Favorable consideration and early issuance of the Notice of Allowance are respectfully requested. Should further issues remain prior to allowance, the Examiner is respectfully requested to contact the undersigned at the indicated telephone number.

Respectfully submitted,



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